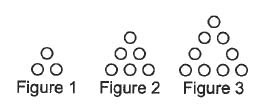
**Algebra 1 Name:**

**Homework 1.1 Date:**

**Linear Patterns**

**Here is a new pattern for you to examine:**

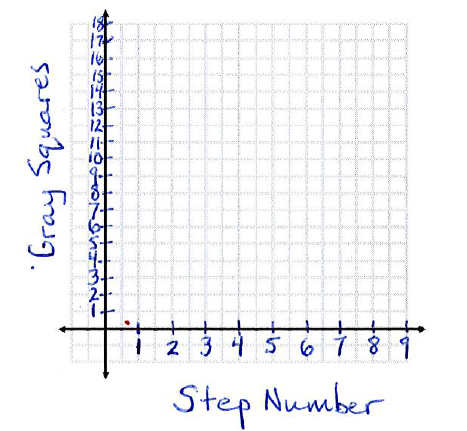


**Step 1 Step 2 Step 3**

1. Show the relationship between **step number** and **total number of circles** with a table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Number** |  |  |  |  |
| **Total Circles** |  |  |  |  |

1. Represent the relationship using a **graph.**



1. How many circles would there be in **Step 6** of the pattern?